

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A rare earth magnet comprising:
 - a magnet body containing rare earth element;
 - an amorphous layer formed on the magnet body; and
 - a passivation layer passivated by a chemical conversion treatment of a surface of the amorphous layer on the amorphous layer, wherein
 - the amorphous layer contains all of elements constituting the magnet body.

body, and

the passivation layer is formed by a chemical change of the amorphous layer
caused by the chemical conversion treatment of the surface of the amorphous layer.

- 2-3. (Canceled)
4. (Currently Amended) A rare earth magnet comprising:
 - a magnet body containing rare earth element element;
 - a substantial amorphous layer formed on a surface of the magnet body; and
 - a protecting layer formed on the surface a surface of the amorphous layer,

wherein

the amorphous layer contains element an element identical to main a main component element of magnet a magnet material contained in the magnet body and the protecting layer includes aluminum aluminum,

a roughness Ra of a boundary between the magnet body and the amorphous layer ranges from 1.27 to 1.45 μm , and

a roughness Ra of a boundary between the amorphous layer and the protecting layer ranges from 0.68 to 0.85 μm .

5. (Previously Presented) The rare earth magnet according to claim 1, wherein the magnet body is polycrystal.

6. (Previously Presented) The rare earth magnet according to claim 1, wherein a composition ratio of the elements contained in the amorphous layer is substantially identical to that of main component elements contained in the magnet body.

7. (Previously Presented) The rare earth magnet according to claim 4, wherein an arithmetic mean roughness Ra of the surface of the protecting layer side of the amorphous layer ranges from 0.1 to 1.5 μm .

8. (Previously Presented) The rare earth magnet according to claim 1, wherein the amorphous layer is obtained by bombarding the surface of the magnet body with solid particles or particle beams to denature vicinity of the surface of the magnet body.

9. (Previously Presented) The rare earth magnet according to claim 1, wherein the amorphous layer has a thickness of 0.01 to 20 μm .

10-17. (Canceled)

18. (Withdrawn) A method of manufacturing a rare earth magnet, comprising an amorphization process of amorphizing a surface layer of a polycrystal magnet body containing rare earth elements.

19. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 18, wherein in the amorphization process, a shock is given to the surface layer of the magnet body to amorphize the surface layer of the magnet body.

20. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 19, wherein in the amorphization process, a particle group is bombarded to the surface layer of the magnet body.

21. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 18, wherein in the amorphization process, a part from 0.1 to 20 μm in a depth from the surface of the magnet body is amorphized.

22. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 18, further comprising a chemical conversion treatment process, in which the surface layer of the amorphized layer is subjected to a chemical conversion treatment to form a passivation layer, after the amorphization process.

23. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 22, wherein in the chemical conversion treatment process, the surface layer of the amorphized layer is contacted to at least one of nitric acid, an aqueous solution of zinc phosphate, oxygen plasma and ozone.

24. (Withdrawn) A method of manufacturing a rare earth magnet comprising a bombarding process of bombarding a surface of a magnet body containing rare earth elements with solid particles or particle beams and a protecting layer forming process of forming a protecting layer on the surface of the magnet body after the bombarding process.

25. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 24, wherein in the bombarding process, solid particles or particle beams are bombarded to deform vicinity of the surface of the magnet body to form an amorphous layer.

26. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 24, wherein the particle beam is neutral particle beam, ion beam, molecular beam, or radical beam.

27. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 26, wherein the particle beam is generated by plasma discharge.

28. (Withdrawn) A method of manufacturing a multilayer body, wherein solid particles or particle beams are bombarded against a surface of a magnet body containing rare

earth elements to denature vicinity of the surface of the magnet body to a substantial amorphous layer.

29. (Withdrawn) The method of manufacturing a multilayer body according to claim 28, wherein the particle beams are neutral particle beam, ion beam, molecular beam, or radical beam.

30. (Withdrawn) The method of manufacturing a multilayer body according to claim 29, wherein the particle beams are generated by plasma discharge.

31-32. (Canceled)

33. (Previously Presented) The rare earth magnet according to claim 4, wherein the magnet body is polycrystal.

34-38. (Canceled)

39. (Previously Presented) The rare earth magnet according to claim 4, wherein the amorphous layer has a thickness of 0.01 to 20 μm .

40-46. (Canceled)

47. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 19, wherein in the amorphization process, a part from 0.1 to 20 μm in a depth from the surface of the magnet body is amorphized.

48. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 20, wherein in the amorphization process, a part from 0.1 to 20 μm in a depth from the surface of the magnet body is amorphized.

49. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 19, further comprising a chemical conversion treatment process, in which the surface layer of the amorphized layer is subjected to a chemical conversion treatment to form a passivation layer, after the amorphization process.

50. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 20, further comprising a chemical conversion treatment process, in which the surface layer of the amorphized layer is subjected to a chemical conversion treatment to form a passivation layer, after the amorphization process.

51. (Withdrawn) The method of manufacturing a rare earth magnet according to claim 25, wherein the particle beam is neutral particle beam, ion beam, molecular beam, or radical beam.

52. (New) The rare earth magnet according to claim 1,
wherein the chemical conversion treatment includes subjecting the surface of the amorphous layer to any of the following: an aqueous solution of zinc phosphate, a zirconium-based treatment solution, a manganese-based treatment solution or a molybdenum-based treatment solution.